



-1-

SEQUENCE LISTING

RECEIVED
SEP 26 2001
TECH CENTER 1600/2900

<110> Lin, Yao-Zhong
Hawiger, Jack J.

<120> A Novel Method for Importing
Biologically Active Molecules into Cells

<130> 22000.0021U2

<140> 09/516,310

<141> 2000-03-01

<150> 09/170,754

<151> 1998-10-13

<150> 09/052,784

<151> 1998-03-31

<150> 08/258,852

<151> 1994-06-13

<160> 11

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 26

<212> PRT

<213> Artificial Sequence

<220>

<221> SITE

<222> (1)...(16)

<223> note = Signal peptide amino acid sequence of K-FGF

<221> SITE

<222> (17)...(19)

<223> note = Spacer region

<221> SITE

<222> (20)...(26)

<223> note = Epitope tag

<400> 1

Ala Ala Val Ala Leu Leu Pro Ala Val Leu Leu Ala Leu Leu Ala Pro

1

5

10

15

Ala Ala Ala Asp Gln Asn Gln Leu Met Pro

20

25

<210> 2
<211> 7
<212> PRT
<213> Artificial Sequence

<400> 2
Asn Tyr Lys Lys Pro Lys Leu
1 5

<210> 3
<211> 26
<212> PRT
<213> Artificial Sequence

<220>
<221> SITE
<222> (1)...(16)
<223> note = Signal peptide amino acid sequence of K-FGF

<221> SITE
<222> (17)...(19)
<223> Spacer region

<221> SITE
<222> (20)...(26)
<223> Nuclear localization sequence of aFGF

<400> 3
Ala Ala Val Ala Leu Leu Pro Ala Val Leu Leu Ala Leu Leu Ala Pro
1 5 10 15
Ala Ala Ala Asn Tyr Lys Lys Pro Lys Leu
20 25

<210> 4
<211> 28
<212> PRT
<213> Artificial Sequence

<220>
<221> SITE
<222> (1)...(16)
<223> note = Signal peptide amino acid sequence of K-FGF

<221> SITE
<222> (17)...(19)
<223> note = Spacer region

<221> SITE
<222> (20)...(26)
<223> note = Nuclear localization sequence of aFGF

<221> SITE
<222> (27)...(28)
<223> note = Epitope tag

<400> 4
Ala Ala Val Ala Leu Leu Pro Ala Val Leu Leu Ala Leu Leu Ala Pro
1 5 10 15
Ala Ala Ala Asn Tyr Lys Lys Pro Lys Leu Met Pro
20 25

<210> 5
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<221> SITE
<222> (1)...(16)
<223> note = Signal peptide amino acid sequence of K-FGF

<400> 5
Ala Ala Val Ala Leu Leu Pro Ala Val Leu Leu Ala Leu Leu Ala Pro
1 5 10 15

<210> 6
<211> 41
<212> PRT
<213> Artificial Sequence

<400> 6
Ala Ala Val Ala Leu Leu Pro Ala Val Leu Leu Ala Leu Leu Ala Pro
1 5 10 15
Glu Ile Leu Leu Pro Asn Asn Tyr Asn Ala Tyr Glu Ser Tyr Lys Tyr
20 25 30
Pro Gly Met Phe Ile Ala Leu Ser Lys
35 40

<210> 7
<211> 25
<212> PRT
<213> Artificial Sequence

<400> 7
Glu Ile Leu Leu Pro Asn Asn Tyr Asn Ala Tyr Glu Ser Tyr Lys Tyr
1 5 10 15
Pro Gly Met Phe Ile Ala Leu Ser Lys
20 25

<210> 8
<211> 26
<212> PRT

<213> Artificial Sequence

<400> 8

Ala	Ala	Val	Ala	Leu	Leu	Pro	Ala	Val	Leu	Leu	Ala	Leu	Leu	Ala	Pro
1				5					10					15	
Ile	Glu	Glu	Lys	Arg	Lys	Arg	Thr	Tyr	Glu						
			20					25							

<210> 9

<211> 26

<212> PRT

<213> Artificial Sequence

<400> 9

Ala	Ala	Val	Ala	Leu	Leu	Pro	Ala	Val	Leu	Leu	Ala	Leu	Leu	Ala	Pro
1				5					10					15	
Val	Asn	Arg	Lys	Arg	Asn	Lys	Leu	Met	Pro						
			20					25							

<210> 10

<211> 10

<212> PRT

<213> Artificial Sequence

<400> 10

Val	Asn	Arg	Lys	Arg	Asn	Lys	Leu	Met	Pro
1			5					10	

<210> 11

<211> 10

<212> PRT

<213> Artificial Sequence

<400> 11

Ile	Glu	Glu	Lys	Arg	Lys	Arg	Thr	Tyr	Glu
1			5					10	